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DECLARATION AND POWER OF ATTORNEY  
Original Application

Docket No. RDM2001-002

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, 1.56(a).

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

J.C. SPADACENE (33,037)  
J.C. VALENTINE (27,239)

SEND CORRESPONDENCE TO: WESTINGHOUSE ELECTRIC COMPANY LLC  
LAW DEPARTMENT  
P.O. Box 355  
Pittsburgh, PA 15230-0355

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: LAWRENCE E. CONWAY

Inventor's signature

*Lawrence E. Conway* Date *Aug. 27, 2001*

Residence: Hookstown, PA 15050

Citizenship: U.S.

County: Beaver

Mailing Address: 739 Old Mill Creek Road  
Hookstown, PA 15050



Full name second inventor: MARIO D. CARELLI

Inventor's signature *Mario D. Carelli*

Date 8/27/01

Residence: Greensburg, PA 15601

Citizenship: U.S.

County:

Mailing Address: 652 Buckingham Circle  
Greensburg, PA 15601

Full name third inventor: CARLO V. LOMBARDI

Inventor's signature *Carlo V. Lombardi*

Date 08/23/2001

Residence: Milano, Italy

Citizenship: Italian

County:

Mailing Address: viale Faenza, 26/8  
20142 Milano, Italy

Full name fourth inventor: LUCA ORIANI

Inventor's signature *Luca Oriani*

Date 08/23/2001

Residence: Milano, Italy

Citizenship: Italian

County:

Mailing Address: via Moretto da Brescia, 21  
20133 Milano, Italy

Full name fifth inventor: MARCO RICOTTI

Inventor's signature *Marco Ricotti*

Date 08/23/2001

Residence: Sesto San Giovanni (MI), Italy

Citizenship: Italian

County:

Mailing Address: via Monte Grappa, 48  
20099 Sesto San Giovanni (MI), Italy

AS  
StrH (152)  
8/30/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: not assigned

Serial No.: 09/803,418

Title: INTEGRAL PWR WITH DIVERSE EMERGENCY COOLING AND  
METHOD OF OPERATING SAME

Honorable Commissioner of Patents And Trademarks  
Washington, DC 20231

Sir:

Respectfully submitted,

John C. Endres  
Attorney for Applicants  
Tele: 412-374-2282  
Facsimile No. 412-374-3832

J.C. Spadacene:pl  
Reg. No. 33,037

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

W.E. Case No. RDM2001-002

Examiner: not assigned

Applicant: Lawrence E. Conway et al                      Group:

Serial No.: 09/803,418

Filed: March 9th, 2001

Title: INTEGRAL PWR WITH DIVERSE EMERGENCY COOLING AND  
METHOD OF OPERATING SAME

Att: LICENSING & REVIEW

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DECLARATION

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Marco Ricotti declares and states:

(1) That he is the co-inventor along with Lawrence E. Conway; Mario D. Carelli; Carlo V. Lombardi and Luca Oriani of the subject matter disclosed and claimed in the above-identified application for United States Letters Patent.

(2) That he conceived the subject invention solely in the course of his employment with POLYTECHNIC OF MILAN while working in the performance of a contract with WESTINGHOUSE ELECTRIC COMPANY LLC, and while utilizing the funds, facilities, materials, equipment and services of Polytechnic of Milan made available under commercial funding.

(3) That this invention, to the best of his knowledge, information and belief, has never been utilized, tested or embodied under any work, under any contract, subcontract, or arrangement with or for the benefit of the United States Atomic Energy Commission, or its successors in interest, the United States Energy Research and Development Administration or the United States Department of Energy.

(4) That this invention, to the best of his knowledge and belief, was not made nor conceived in the course of or under any contract, subcontract, or arrangement entered into with or for the benefit of the United States Atomic Energy Commission, or its

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successors in interest, the United States Energy Research and Development Administration or the United States Department of Energy.

The undersigned Declarant further declares that all statements made herein of his own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

  
\_\_\_\_\_  
Marco Ricotti

Date: 08/23/2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

W.E. Case No. RDM2001-002

Examiner: not assigned

Applicant: Lawrence E. Conway et al Group:

Serial No.: 09/803,418

Filed: March 9th, 2001

Title: INTEGRAL PWR WITH DIVERSE EMERGENCY COOLING AND  
METHOD OF OPERATING SAME

Att: LICENSING & REVIEW

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DECLARATION

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Luca Oriani declares and states:

(1) That he is the co-inventor along with Lawrence E. Conway; Mario D. Carelli; Carlo V. Lombardi and Marco Ricotti of the subject matter disclosed and claimed in the above-identified application for United States Letters Patent.

(2) That he conceived the subject invention solely while as a student at the POLYTECHNIC OF MILAN, while working in the performance of a contract with WESTINGHOUSE ELECTRIC COMPANY LLC, and while utilizing the funds, facilities, materials, equipment and services of Polytechnic of Milan made available under commercial funding.

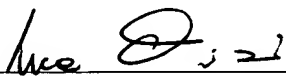
(3) That this invention, to the best of his knowledge, information and belief, has never been utilized, tested or embodied under any work, under any contract, subcontract, or arrangement with or for the benefit of the United States Atomic Energy Commission, or its successors in interest, the United States Energy Research and Development Administration or the United States Department of Energy.

(4) That this invention, to the best of his knowledge and belief, was not made nor conceived in the course of or under any contract, subcontract, or arrangement entered into with or for the benefit of the United States Atomic Energy Commission, or its

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successors in interest, the United States Energy Research and Development Administration or the United States Department of Energy.

The undersigned Declarant further declares that all statements made herein of his own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.



Luca Oriani

Date: 08/23/2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

W.E. Case No. RDM2001-002

Examiner: not assigned

Applicant: Lawrence E. Conway et al Group:

Serial No.: 09/803,418

Filed: March 9th, 2001

Title: INTEGRAL PWR WITH DIVERSE EMERGENCY COOLING AND  
METHOD OF OPERATING SAME

Att: LICENSING & REVIEW

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DECLARATION

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Carlo V. Lombardi declares and states:

(1) That he is the co-inventor along with Lawrence E. Conway; Mario D. Carelli; Luca Oriani and Marco Ricotti of the subject matter disclosed and claimed in the above-identified application for United States Letters Patent.

(2) That he conceived the subject invention solely in the course of his employment with POLYTECHNIC OF MILAN while working in the performance of a contract with WESTINGHOUSE ELECTRIC COMPANY LLC, and while utilizing the funds, facilities, materials, equipment and services of Polytechnic of Milan made available under commercial funding.


(3) That this invention, to the best of his knowledge, information and belief, has never been utilized, tested or embodied under any work, under any contract, subcontract, or arrangement with or for the benefit of the United States Atomic Energy Commission, or its successors in interest, the United States Energy Research and Development Administration or the United States Department of Energy.

(4) That this invention, to the best of his knowledge and belief, was not made nor conceived in the course of or under any contract, subcontract, or arrangement entered into with or for the benefit of the United States Atomic Energy Commission, or its



successors in interest, the United States Energy Research and Development Administration or the United States Department of Energy.

The undersigned Declarant further declares that all statements made herein of his own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

  
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Carlo V. Lombardi

Date: 08/23/01

W.E. Case No. RDM2001-002

Att: LICENSING &amp; REVIEW

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## DECLARATION

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Lawrence E. Conway declares and states:

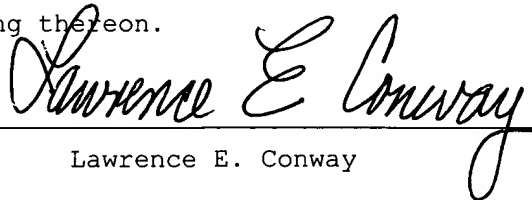
(1) That he is the co-inventor along with Mario D. Carelli; Carol V. Lombardi; Luca Oriani and Marco Ricotti of the subject matter disclosed and claimed in the above-identified application for United States Letters Patent.

(2) That he conceived the subject invention solely in the course of his employment with WESTINGHOUSE ELECTRIC COMPANY LLC while working in the performance of a contract with POLYTECHNIC OF MILAN, and while utilizing the funds, facilities, materials, equipment and services of Westinghouse Electric Company made available under commercial funding.

(3) That this invention, to the best of his knowledge, information and belief, has never been utilized, tested or embodied under any work, under any contract, subcontract, or arrangement with or for the benefit of the United States Atomic Energy Commission, or its successors in interest, the United States Energy Research and Development Administration or the United States Department of Energy.

(4) That this invention, to the best of his knowledge and belief, was not made nor conceived in the course of or under any contract, subcontract, or arrangement entered into with or for the benefit of the United States Atomic Energy Commission, or its successors in interest, the United States Energy Research and Development Administration or the United States Department of Energy.

The undersigned Declarant further declares that all statements made herein of his own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

  
Lawrence E. Conway

Date:

August 22, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

W.E. Case No. RDM2001-002

Examiner: not assigned

Applicant: Lawrence E. Conway et al Group:

Serial No.: 09/803,418

Filed: March 9th, 2001

Title: INTEGRAL PWR WITH DIVERSE EMERGENCY COOLING AND  
METHOD OF OPERATING SAME

Att: LICENSING & REVIEW

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DECLARATION

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Mario D. Carelli declares and states:

(1) That he is the co-inventor along with Lawrence E. Conway; Carol V. Lombardi; Luca Oriani and Marco Ricotti of the subject matter disclosed and claimed in the above-identified application for United States Letters Patent.

(2) That he conceived the subject invention solely in the course of his employment with WESTINGHOUSE ELECTRIC COMPANY LLC while working in the performance of a contract with POLYTECHNIC OF MILAN, and while utilizing the funds, facilities, materials, equipment and services of Westinghouse Electric Company made available under commercial funding.

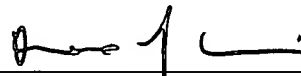
(3) That this invention, to the best of his knowledge, information and belief, has never been utilized, tested or embodied under any work, under any contract, subcontract, or arrangement with or for the benefit of the United States Atomic Energy Commission, or its successors in interest, the United States Energy Research and Development Administration or the United States Department of Energy.

(4) That this invention, to the best of his knowledge and belief, was not made nor conceived in the course of or under any contract, subcontract, or arrangement entered into with or for the

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benefit of the United States Atomic Energy Commission, or its successors in interest, the United States Energy Research and Development Administration or the United States Department of Energy.

The undersigned Declarant further declares that all statements made herein of his own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.



Mario D. Carelli

Date: 8/21/01